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C. Amendments to the Claims

SEP 12 2008

1. (Currently Amended): A method for capturing administrative processes in a machine-readable format, the administrative processes being processes that need to be implemented by an administrator for achieving different objectives in a local or a networked environment, the administrative processes comprising administrative tasks and the administrative tasks comprising administrative commands,

the method comprising the steps of:

- a. creating a generic command framework in a machine-readable format to capture ~~structures of all types of~~ administrative commands used in the administrative processes by capturing structures of all types of the administrative commands, wherein the structures of all types of the administrative commands are captured by writing the administrative commands in accordance with the generic command framework;
- b. generating profiles that define the administrative tasks, the profiles are generated by combining all the captured administrative commands in a machine-readable format by ~~capturing the administrative commands in the generic command framework in a machine-readable format,~~ the profiles being collections of ~~machine-readable the captured~~ administrative commands that define an administrative task, wherein the captured administrative commands when executed accomplish the administrative task;
- c. generating network maps, each network map comprising details of one or more servers in the networked environment on which the administrative tasks defined by the profiles need to be performed; and

d. ~~generating admin lists, each admin list being comprising by~~  
combining one or more profiles that define administrative  
tasks, which constitute an administrative process, wherein  
the admin lists comprises a pre-defined order in which the  
administrative tasks need to be executed;

whereby each admin list captures ~~an~~ the administrative process  
in a machine-readable format, which can be processed by  
processing machines for automating execution of the  
administrative process.

2. (Currently Amended): The method of claim 1, wherein ~~an~~ the  
admin lists further comprises zero or more network maps and  
associations between the profiles present in the admin list and  
the one or more network maps, the association between a profile  
and one or more network maps defining the server(s) on which  
the administrative task defined by the profile needs to be  
performed.

3. (Cancelled).

4. (Currently Amended): A method for automating the execution of  
administrative processes in a local or a networked environment,  
the administrative processes comprising administrative tasks  
and the administrative tasks comprising administrative  
commands, the method comprising the steps of:

a. creating a generic command framework in a machine-  
readable format that can be used to capture structures of all  
types of administrative commands used in the administrative  
processes, wherein the structures of all types of the

administrative commands are captured by writing the administrative commands in accordance with the generic command framework;

- b. generating profiles that define the administrative tasks, the profiles are generated by combining all the captured administrative commands by capturing the administrative commands in the generic command framework in a structured mark up language to create profiles, the profiles being collections of the captured administrative commands that define an administrative task, wherein the captured administrative commands when executed accomplish the administrative task;
- c. generating network maps, each network map containing details of one or more servers in the networked environment on which the administrative tasks defined by the profiles need to be performed;
- d. generating admin lists from one or more profiles and one or more network maps, each admin list being a collection of one or more profiles and zero one or more network maps, that define administrative tasks, which are required to be performed in a pre-defined order for executing an administrative process, wherein the admin lists comprising associations between the profiles and the one or more network maps present in the admin lists;
- e. selecting a first set of admin lists based on a selected administrative process, which is to be executed;
- f. selecting the a first profile from among the one or more profiles contained in the selected first set of admin lists; and
- g. processing the selected first profile, the processing of the selected first profile comprising the steps of:

- i. parsing the selected first profile to generate XML parser events;
- ii. executing the generated XML parser events by using administered components, the administered components comprising at least one of local system devices, networked system devices, software programs and system commands, which are used to execute the generated XML parser events;
- iii. collecting messages generated by the administered components in response to execution of the generated XML parser events, the messages provide meta-data regarding the executed XML parser events;
- iv. updating the selected first profile ~~based on~~ by appending the collected generated messages to the selected first profile, wherein the messages are appended in a structured mark up language; and
- v. deciding if the updated profile needs to be processed again, the decision being made by a processing machine based on the generated messages using which the selected first profile has been updated;  
if the updated profile needs to be processed again, then performing the steps of:
  - a) selecting the updated profile for processing;  
and
  - b) repeating step f for the selected first profile;  
else performing the steps of:
    - c) selecting next profile to be processed from the selected first set of admin lists based on the administrative tasks to be performed; and
    - d) repeating step f for the selected new profile;

whereby the execution of the administrative processes is automated by the automated processing of profiles that define the administrative tasks, which are required to be performed for executing the administrative processes.

5. (Currently Amended): The method of claim 4, further comprising the steps of:
  - a. determining if the selected first profile needs to be transformed before processing, the transformation being required when the selected first profile needs to be converted from a first format of structured mark up language to a second format of the structured mark up language; if the selected first profile needs to be transformed, then
  - b. transforming the selected first profile from the first format to the second format using a set of pre-defined rules; and else
  - c. processing the selected first profile in the first format.
6. (Cancelled).
7. (Currently Amended) The method of claim 4, wherein the step of executing the generated XML parser events comprises the steps of:
  - a. directing the generated XML parser events to administered components using which the generated XML parser events can be executed; and
  - b. executing the generated XML parser events using the administered components to which the generated XML parser events have been directed.

8. (Currently Amended): The method of claim 4, wherein the generated messages comprise control messages and system messages.
9. (Cancelled).
10. (Currently Amended): A system embodied on one or more processing machines in a computer network for automating the execution of administrative processes in a local or a networked environment, the administrative processes comprising administrative tasks and the administrative tasks comprising administrative commands, the system comprising:
  - a. a profile generator for generating profiles by capturing the administrative commands in a structured mark up language, the profiles being collections of the captured administrative commands that define an administrative task;
  - b. a network map generator for generating network maps, the network maps containing details of at one or more servers in the networked environment on which the administrative commands need to be performed;
  - c. an admin list generator for generating admin lists by combining one or more profiles and one or more network maps, each admin list being a collection of one or more profiles that define administrative tasks, which are required to be performed in a pre-defined order for executing an administrative process, wherein the admin lists comprising associations between the profiles and the one or more network map present in the admin list;
  - d. a front-end for enabling at least one function from among the functions of selecting profiles contained in admin lists,

reading the selected profiles and transforming the selected profiles from a first format of structured mark up language to a second format of the structured mark up language, based on a predefined rule; and

- e. a back-end comprising:
  - i. an event-driven machine for processing the selected profiles written in a structured mark up language, wherein the event-driven machine being a parser interface for XML parser; and
  - ii. one or more controllers for connecting the front-end with the event-driven machine for processing the selected profiles, the controllers passing the selected profiles from the front-end to the event-driven machine.

11. (Currently Amended): The system of claim 10, wherein the event-driven machine for processing the selected profiles comprises:

- a. one or more generators, which generate events by parsing the selected profile, the one or more generators are XML parsers;
- b. one or more filters, the filters directing the generated events to administered components and causing execution of the generated events at the administered components, thereby leading to the generation of messages by the administered devices in response to the execution of the generated events; and
- c. one or more handlers, for updating the selected profile with messages generated by the administered components, the one or more handlers are XML writers.

12. (Currently Amended): The system of claim 10, wherein the administered components comprise at least one of local devices, networked devices, software programs and system commands, which are used for executing the generated events.

13. (Cancelled):

14. (Currently Amended): The system of claim 10 ~~13~~, wherein the pre-defined rules are stored locally in the controller where the transformation of selected profiles is performed, or are stored outside the controller in the networked environment.

15. (Currently Amended): A computer program product for use with a computer, the computer program product comprising a computer usable medium having a computer readable program code embodied therein, for capturing and automating the execution of administrative processes in a local or a networked environment, the administrative processes comprising administrative tasks and the administrative tasks comprising administrative commands, the computer program product comprising:

- a. program instruction means for capturing the administrative commands in a generic command framework in a structured mark up language to ~~create profiles~~, the profiles being collections of the captured administrative commands that define an administrative task;
- b. program instruction means for generating network maps, each network map containing details of one or more servers in the networked environment on which the captured administrative commands need to be performed;



- c. program instruction means for generating admin lists from one or more profiles and one or more network maps, each admin list being a collection of one or more profiles that define administrative tasks, which are required to be performed in a pre-defined order for executing an administrative process, wherein the admin lists comprising associations between the profiles and the one or more network map present in the admin list;
- d. program instruction means for selecting a first set of admin lists based on a selected administrative process, which is to be executed;
- e. program instruction means for selecting the a first profile from among the one or more profiles contained in the selected first set of admin lists; and
- f. program instruction means for processing the selected first profile, the program instruction means for processing the selected first profile comprising:
  - i. program instruction means for parsing the selected first profile to generate XML parser events;
  - ii. program instruction means for executing the generated XML parser events by using administered components, the administered components comprising at least one of local system devices, networked system devices, software programs and system commands, which are used to execute the generated XML parser events;
  - iii. program instruction means for collecting messages generated by the administered components after the execution of generated XML parser events, the messages provide meta-data regarding the executed XML parser events;

- iv. program instruction means for updating the selected first profile by appending the generated based on the collected messages in a structured mark up language to the selected first profile;
- v. program instruction means for checking if the updated profile needs to be processed again; and
- vi. program instruction means for selecting the next profile contained in the selected first set of admin lists.

16. (Currently Amended): The computer program product of claim 15 further comprising a program instruction means for transforming the selected first profile before processing, the transformation being required when the selected first profile needs to be converted from a first format of structured mark up language to a second format of the structured mark up language.

17. (Currently Amended): The computer program product of claim 15, wherein the program instruction means for executing the generated XML parser events further comprises:

- a. program instruction means for directing the generated XML parser events to administered components using which the generated XML parser events can be executed; and
- b. program instruction means for causing execution of the generated XML parser events using the administered components to which the generated XML parser events have been directed.

18. (Cancelled)

19. (Currently Amended): A system embodied on one or more processing machines for automating the execution of

administrative processes in a local or a networked environment, the administrative processes comprising administrative tasks and the administrative tasks comprising administrative commands, the system comprising:

- a. a profile generator for generating profiles by capturing the administrative commands in a generic command framework in a structured mark-up language, the profiles being collections of the captured administrative commands that define an administrative task;
- b. a network map generator for generating network maps, the network maps containing details of at one or more servers in the networked environment on which the captured administrative commands defining the administrative task need to be performed;
- c. an admin list generator for generating admin lists, each admin list being a collection of one or more profiles that define administrative tasks, which are required to be performed in a pre-defined order for executing an administrative process;
- d. a front-end for enabling at least one function from among the functions of selecting a profile contained in the admin lists, reading the selected profile and transforming the selected profile from one machine-readable format into second machine-readable format profiles; and
- e. a back-end comprising:
  - i. an event-driven machine for processing the selected profile written in a structured mark up language, wherein the event-driven machine being a parser interface for XML parsers, the event-driven machine further comprising:

- a) one or more generators, which generate events by parsing the selected profile, the one or more generators are XML parsers;
  - b) one or more filters, the filters directing the generated events to administered components and causing execution of the generated events at the administered components, thereby leading to the generation of messages by the administered devices in response to the execution of the generated events; and
  - c) one or more handlers, for updating the selected profile with the messages generated by the administered components, the one or more handlers are XML writers[.]; and
- ii. one or more controllers for connecting the front-end with the event-driven machine for processing the selected profile, the controllers transforming the profile from one format of structured mark up language to another format, if required, based on a set of pre-defined rules and passing the selected profile from the front-end to the event-driven machine.

20. (Currently Amended): The system of claim 19, wherein the administered components comprise at least one of local devices, networked devices, software programs and system commands, which are used for executing the generated events.